|   | Index of Claims |          |                |              |                 |         |           |         |   |                               |           |                |           | Application/Control No. |  |           |                 |         |     |          |            |   |                 | Applicant(s)/Patent under Reexamination |          |          |                 |                               |   |  |
|---|-----------------|----------|----------------|--------------|-----------------|---------|-----------|---------|---|-------------------------------|-----------|----------------|-----------|-------------------------|--|-----------|-----------------|---------|-----|----------|------------|---|-----------------|---|----------|----------|-----------------|-------------------------------|---|--|
|   |                 |          |                |              |                 |         |           |         |   |                               |           |                |           |                         | 10/788,555<br>Examiner                           |           |                 |         |     |          |            |   |                 |   |          | PE       | G.              |                               |   |  |
|   |                 |          |                |              |                 |         |           |         |   |                               |           |                |           |                         | Candice C. Stokes                                |           |                 |         |     |          |            |   | Art Unit        |   |          |          |                 |                               |   |  |
|   |                 |          |                |              |                 |         |           |         |   |                               |           |                |           |                         |  |           |                 |         |     |          |            |   |                 | <u></u>                                 |          | _        | <u>_</u>        |                               |   |  |
|   | √ Rejected      |          |                |              |                 |         |           |         |   | Through numeral)<br>Cancelled |           |                |           | N Non-El                |  |           | ect             | ted:    |     | A        | Appeal     |   |                 |   |          |          |                 |                               |   |  |
|   | =               |          |                | Allowed      |                 |         |           | •       | + Restricted                            |                               |           |                | I Interfe |                         |  | erfe      | ren             | nce     |     |          | Objected   |   |                 |   |          |          |                 |                               |   |  |
| [ | Claim           |          |                |              | Date            |         |           |         | $\Box$                                  | CI                            | claim     |                |           |                         | Date   | -         |                 |         |     | Claim    |            |   | Date            |   |          |          |                 |                               |   |  |
|   | Final           | Originat | 319/2          | (a)          | 2/20/17         |         |           |         |   | Final                         | Original  |                |           |                         |  |           |                 |         |     | Flnaf    | Original   |   |                 |   |          |          |                 |                               |   |  |
|   |                 | 1        | 1              | 8            | <u>//</u>       | $\pm$   | 廿         | 士       | H                                       |                               | 51        |                | #         | 上                       | H  |           | #               | 士       |     |          | 101        |   | $\Rightarrow$   | ‡                                       |          |          | #               | Ħ                             |   |  |
| } |                 | 2        | +              | H            | ₩               | ┿       | ╀         | ╁       | Н                                       | -                             | 52<br>53  | +              | $\pm$     | ╁                       |  |           | $\pm$           | $\pm$   |     |          | 102<br>103 |   | $\pm$           | ╁                                       |          |          | $\perp$         |                               |   |  |
|   |                 | 4.       | #              | I            |                 | $\mp$   | Ħ         | 1       | 日                                       |                               | 54<br>55  | $\blacksquare$ | 7         | Ŧ                       |  | $\Box$    | $\dashv$        | $\perp$ |     |          | 104<br>105 |   | $\dashv$        | +                                       |          | Н        | $\dashv$        | $oldsymbol{oldsymbol{ec{H}}}$ |   |  |
|   |                 | 5<br>6   | $\pm$          | $\mathbb{H}$ | <b>y</b>        | 土       |           |         | Η.                                      |                               | 56        |                | $\pm$     | 士                       |  |           | #               |         |     |          | 106        |   | #               | 丰                                       |          |          | 丰               | 口                             |   |  |
| ĺ |                 | 8        | $\blacksquare$ | $\Box$       |                 | 4-      | $\vdash$  | +       | H                                       | <u> </u>                      | 57<br>58  | +              | +         | ╁╌                      | Н  | Н         | +               |         |     |          | 107<br>108 | Н | +               | +                                       | $\vdash$ | Н        | +               | +                             |   |  |
| , |                 | 9        |                | $\Box$       | İ               | 土       |           | 士       | 口                                       |                               | 59        |                | 丰         |                         |  | $\square$ | 1               |         |     |          | 109        |   | 4               | T                                       | L        |          | _               | $\Box$                        |   |  |
|   |                 | 10<br>11 |                | Н            | $\Box$          | $\bot$  | $\vdash$  | +-      | Н                                       | -                             | 60<br>61  | $\vdash$       | +         | ┿                       | $\vdash$   | ⊢┼        | +               | +-      |     |          | 110<br>111 | Н | +               | ╁                                       | $\vdash$ | Н        | +               | ╁┤                            |   |  |
|   |                 | 12       | H              | Н            |                 | $\pm$   |           | 士       | $\Box$                                  |                               | 62        |                | $\pm$     | 土                       |  | 口         | コ               | 工       | 1   |          | 112        | 口 | $\dashv$        | 丰                                       | I        |          | 二               | 口                             |   |  |
|   |                 | 13       | Т              | П            | V]              |         | $\Box$    | 4       | П                                       |                               | 63<br>64  | $\vdash$       | 4         | 4                       | H  | Н         | -               |         | 1   |          | 113<br>114 |   | -               | ╬                                       | ╁        | Н        | -               | ${\mathbb H}$                 |   |  |
|   |                 | 14       | H              | H            | 4               | +       | H         | ╅       | Н                                       |                               | 65        |                | $\pm$     | 上                       |  |           | 士               | 士       | 1   |          | 115        |   |                 | 上                                       |          |          |                 | $\Box$                        |   |  |
|   |                 | 16       | I              | II.          | Ŋ               | 1       | $\Box$    | T       | $\Box$                                  |                               | 66<br>67  | $\Box$         | 7         | $\bot$                  | _  | Н         | $\dashv$        |         | }   |          | 116<br>117 | 1 | -               | ╫                                       | ╁        | Н        | +               | +                             |   |  |
|   |                 | 17       | H              | ₩            | ╁┼              | +       | ╁         | ╅       | H                                       | $\vdash$                      | 68        | $\vdash$       | +         | 十                       | <del> -</del>                                    | Н         |                 | +       | 1   |          | 118        |   |                 | 士                                       | 上        |          |                 | 口                             |   |  |
| , |                 | 19       | I              | 1            | Ш               | $\bot$  | $\Box$    |         | $\Box$                                  |                               | 69        | П              | 7         | T                       |  | $\square$ | $\Box$          | 1       | ] ! |          | 119<br>120 |   |                 | $\bot$                                  | $\vdash$ |          | $\Box$          | +                             |   |  |
|   |                 | 20<br>21 |                | À            |                 |         | ┼┼        | +       | ╁┤                                      | $\vdash$                      | 70        | H              | +         | ╁                       | ╁  | ╂╾┥       | $\dashv$        | ╁       | ┨   | ┢        | 121        | Н |                 | 1                                       | $\vdash$ |          |                 | 廿                             |   |  |
|   | _               | 22       | Ľ              | O            | П               | 土       |           | 土       | 口                                       |                               | 72        |                | コ         | 1                       |  | П         |                 | Ŧ       | 1   |          | 122        |   | $\Box$          | $\perp$                                 | F        |          | Щ.              | $\Box$                        |   |  |
|   |                 | 23       | _              | 0            | 0               | +       | ╁╌╂       | +       | Н                                       | $\vdash$                      | 73<br>74  | ╁              | +         | +                       | ┢  | $\vdash$  | $\dashv$        | +       | 1   | <u> </u> | 123<br>124 |   | $\vdash$        | ╁                                       | ╁╴       | $\vdash$ | +               | +                             | • |  |
|   |                 | 25       |                | Ī            | 8               | 士       |           | 土       | 口                                       |                               | 75        |                | #         | 工                       |  |           | $\sqsupset$     | T       | 1   |          | 125        |   | $\Box$          | 1                                       | I        |          | $\Box$          | $\Box$                        |   |  |
|   |                 | 26       |                |              |                 | $\bot$  | +         | +       | Н                                       | _                             | 76<br>77  | $\vdash$       | +         | +-                      | ╀  | H         | $\dashv$        | ┿       | ┨   |          | 126<br>127 |   | $\dashv$        | ╁                                       | ╁        | $\vdash$ | $\vdash$        | ╁┤                            |   |  |
|   |                 | 27<br>28 | ┝              | E            | y               | +       | ++        | +       | Н                                       | -                             | 78        |                | $\perp$   | $\pm$                   | t  |           |                 | 士       | 1   |          | 128        |   |                 | 土                                       | 上        |          |                 | $\Box$                        |   |  |
|   |                 | 29       |                | Ĺ            |                 |         | П         | $\perp$ | $\Box$                                  |                               | 79<br>80  | $\Box$         | $\bot$    | $\perp$                 | F  | Н         | $\Box$          | +       | }   | <u> </u> | 129<br>130 |   | $\dashv$        | +                                       | ╁        | ⊢        | ┝╌├╴            | ╫                             |   |  |
|   |                 | 30<br>31 | ┝              | ⊢            | ╁               | +       | ++        | +       | Н                                       | -}-                           | 81        |                | +         | +                       | ╁╴   | Н         | $\vdash$        | +       | 1   |          | 131        |   |                 | 1                                       | T        |          |                 |                               |   |  |
|   |                 | 32       |                | 仜            | 口               |         | $\Box$    | 工       | 口                                       |                               | 82        | П              | 1         | 1                       |  |           |                 | $\top$  | ]   |          | 132        |   | $\Box$          | _                                       | F        | Г        | 4               | $\bot$                        |   |  |
|   | _               | 33<br>34 | L              | ╀            | $\vdash$        | ┿       | ╁┼        | ╁       | Н                                       | -                             | 83        | H              | +         | ┿                       | ╀  | Н         | H               | +       | -   |          | 133<br>134 |   | H               | +                                       | ╁╴       | -        | $\vdash$        | H                             |   |  |
|   |                 | 35       |                | 亡            |                 | 1       |           |         | 口                                       |                               | 85        |                | $\bot$    | 工                       |  |           | $\Box$          | #       | 1   |          | 135        |   | $\Box$          | 1                                       | T        |          | $\Box$          | $\Box$                        |   |  |
|   | $\Box$          | 36<br>37 | L              | L            | $\mathbb{H}$    | 4       | ++        | +       | Н                                       | -                             | 86        | Н              | +         | ╫                       | ╀  | H         | Н               | +       | ┨   | ├        | 136<br>137 |   | ├┼              | +                                       | ╁╴       | ╀        | ╌               | ╅┥                            |   |  |
|   | -               | 38       | ┢              | H            | Н               | +       | $\forall$ | +       | $\forall$                               |                               | 88        |                | 1         | 1                       |  |           | 旦               | 土       | 1   |          | 138        | Ι |                 | 丰                                       | 丰        |          |                 | $\perp$                       |   |  |
|   |                 | 39       |                | Γ            | П               | 工       | $\Box$    | $\perp$ | $\Box$                                  |                               | 89<br>90  | Н              | 4         | $\perp$                 | $\vdash$   | Н         | $\Box$          | -       | -   | ├        | 139<br>140 |   | $\vdash \vdash$ | +                                       | ╀        | ┝        | $\vdash \vdash$ | ╁                             |   |  |
|   | <del> </del>    | 40       | ╁              | 十            | $\vdash$        | +       | ┿         | ╅       | +                                       | $\vdash$                      | 91        |                | +         | $\pm$                   | <del>                                     </del> |           | H               | 士       | 1   |          | 141        | Т |                 | 士                                       |          | İ        | 世               | $\top$                        |   |  |
|   |                 | 42       |                | Ӷ            | 口               | 工       | $\Box$    | 丰       | 口                                       |                               | 92        |                | 7         | $\perp$                 | $\vdash$   |           | $\Box$          | $\mp$   | -   |          | 142        |   | $\square$       | 4                                       | +        | F        | $oxed{\bot}$    | 4-                            |   |  |
|   | <u> </u>        | 43       | +              | ╁            | $\vdash \vdash$ | +       | ++        | +       | ╁┤                                      | $\vdash$                      | 93<br>94  | ╁┼             | +         | +                       | ╁  | $\vdash$  | H               | +       | 1   | -        | 144        |   | H               | +                                       | +        | T        |                 | 1                             |   |  |
|   |                 | 45       | L              | 上            | 口               | 士       | 廿         | 士       | Ħ                                       |                               | 95        | 口              | ゴ         | 1                       | L  |           | 口               | 丰       | 1   |          | 145        |   | 口               | #                                       | T        |          | $\Box$          | $\bot$                        |   |  |
|   |                 | 46<br>47 | F              | F            | $\Box$          | $\perp$ | 1-1       | -       | +                                       | -                             | 96<br>97  | ╁              | +         | +                       | ╀  | ╀╌        | $\vdash \vdash$ | - -     | ┨.  | -        | 148        |   | $\vdash \vdash$ | ╬                                       | ╁        | ╀        | ┼┼              | +                             |   |  |
|   |                 | 48       | $\vdash$       | t            | $\Box$          | 士       | 1         | 士       | 廿                                       |                               | 98        | 口              | 士         | 土                       | 士  | 上         | Ħ               | 士       | 1   |          | 148        |   | 口               | 士                                       | 1        |          | 口               | 工                             |   |  |
|   |                 | 49       | F              | F            | П               | 丰       | $\Box$    | $\bot$  | $\Box$                                  | -                             | 99<br>100 | 1              | 4         | +                       | F  | F         | H               | +       | -   | <b>—</b> | 149        |   | $\vdash \vdash$ | +                                       | +        | ╀        | $\vdash$        | +-                            |   |  |
|   | ш               | 50       | <u>L</u>       | 1_           | 1_1             |         | لمسلب     |         | لــــــــــــــــــــــــــــــــــــــ |                               | 1100      | щ              |           |                         |  |           | ب               |         |     |          | 1.0        |   |                 |   |          | _        |                 |                               | , |  |